trees for removal having been marked previously. Departmental working had to be resorted to in rest of the coupes where there was a chance of the felled material being sold, and in order to satisfy local demands. Thorns and a small quantity of firewood were permitted to be removed from some coupes by merchants.

106. In the Dhulia Range of the West Khándesh Division coppice fellings of anjan (Hardwickia binata) will be throughout the whole of the first revolution improvement fellings in the strictest sense of the term, for all young and promising trees are reserved for another revolution; crooked and unsound trees only being felled and removed after a fair number of seed-bearers have been reserved.

107. In the Násik Division coupes were laid out under the system of coppice with standards in Nándgaon, Igatpuri and Násik ranges, and in the Peint Range teak trees, 200,625 in number, standing upon occupied lands outside of sanctioned forest boundaries, were sold to purchasers to fell and remove.

108. In the Ahmednagar Division fellings of teak and jambul (Eugenia) were made in the Sangamner and Akola ranges for their improvement, only such trees being retained as are likely to become mature, and seeds are scattered over the compartments after it has been worked out :—

No.	Range.	No. of Trees.	Yield.		Cost.	Receipts.	Cost per 100 trees.	Receipts per 100 trees.	Remarks.
			Rafters.	Firewood.					
	Teak.			C. ft.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1	Sangamner *Jambul.*	3,760	6,933	3,510	113 3 9	1,242 12 6	3 0 0	33 0 0	310 pieces were kept for wire fence at Kolhewádi.
1	Ditto ... *Teak.*	2,850	7,901	2,050	68 14 3	.....	2 7 0	...	Not sold.
2	Akola... ...	10,231	8,032	3,510	412 3 0	219 14 0	4 0 0	28 6 0	9,456 teak trees or 7,483 pieces and Fire-wood 3,105 cubic feet were not sold.
	Total ...	16,841	22,866	9,070	594 5 0	1,462 10 6	...	...	
	Total of Teak...	13,991	14,965	7,020	525 6 9	1,462 10 6	3 8 0	30 8 0	
	Total of Jambul	2,850	7,901	2,050	68 14 3	.....	2 7 0	...	

109. In the like manner in the Poona Division the teak forests were worked for their improvement, the areas exploited during the year are distributed thus :—

No.	Range.	Area.	Remarks.
		A. g.	
1	A'mbegaon	276 35	
2	Háveli	288 38	
3	Junnar...	196 2	
4	Khed	168 25	
5	Purandhar	167 34	
	Total ...	1,098 14	

110. In the Sátára Division improvement fellings under the Working Plans prescriptions were carried out in the workable forests of the "Teak-region" and in the evergreen forests of the Mahábaleshvar Range.

(5).—*Unregulated Fellings.*

111. The exploitation of timber, firewood, bamboos and other forest produce from the Sátpuda forests by Bhil and privilege-holders may be classed under this head.

112. At present in the West Khándesh Division the major portion of the fellings comes under this head: there are still a large number of royal trees, especially teak, standing on lands outside the boundaries of reserved forests.

113. In the Násik and other divisions the work of clearing of boundary lines, as also fellings for free grants of timber, wood supplied for relief kitchens, &c., come under this head. The Executive Engineers of Khándesh and Násik were supplied with timber and bamboos for building huts for famine labourers.

114. Unregulated fellings go on in the old gáirán areas of the Poona Division which extend over 12,576 acres.

115. In the Sátára Division cutting of royalty trees in Málki lands, clearing of boundary lines, &c., were undertaken under this method during the year under report.

(*e*).—Extraction and Transport of Major Forest Produce by Land and Water.

116. Cart tracks traverse the forests of this Circle which are below the ghâts, in all directions, as also the forest areas in the Deccan, except on the very mountainous parts, and timber, firewood, bamboos, &c., are carried in bullock carts wherever carts can travel. In some parts of the Sátpuda forests timber and bamboos are dragged by bullocks and ponies.

117. In mountainous tracts bordering the Syhádris, timber, &c., is moved on the backs of pack animals and in head-loads. The Forest Department does not undertake the carrying of timber or other forest produce, either by land or by water, but preferentially sells the trees on foot for the purchaser to fell and remove at his own cost. Timber, &c., cut by departmental labour is brought to temporary sale-depôts, either inside or outside forests, where it is stacked and sold by public auction, the material being removed subsequently by the purchasers. The Narbada, the Tápti, the Godávari, the Bhima, the Koyna and Wárna are the only water-ways which are sometimes used by purchasers, timber-dealers and private owners for floating timber.

(*f*).—Exploitation of Minor Forest Produce.

(*1*).—*Extraction of Fodder.*

118. Grass is exploited by hand from certain valuable kurans of the Central Circle, and the right to cut grass is sold by public auction. The grass is also removed on permits issued on payment of fees. The means that are used for removing grass are the same which are used for the removal of timber.

119. The statement given below shows the area from which grass was removed by hand and the amount realized :—

No.	Division.	Area.	Amount.
		Acres.	Rs.
1	East Khandesh ...	20,324	14,615
2	West Khandesh ...	20,827	9,450
3	Násik	31,328	14,652
4	Ahmednagar	91,540	4,695
5	Poona	27,848	1,263
6	Sátára	18,853	4,612
7	Sholápur	9,645	1,303
	Total ...	220,365	50,590

120. In the East Khándesh Division 57,531 cart-loads of grass valued at Rs. 7,191 were removed from the forests on permits; while in the West Khándesh Division 66,560 cart-loads, 3,912 head-loads, 974 bullock loads and 73 donkey-loads valued at Rs. 13,329 were removed from forests on payment of fees. In the Násik Division 5,692 cart-loads of grass were removed and the amount realized was Rs. 2,840. In addition to this, owing to the scanty rainfall and want of fodder for cattle, 231,491 pounds of grass were cut in forests at Rs. 2-8-0 per 1,000 lbs., and sold for Rs. 814.

121. In the Ahmednagar Division an area of 4,935 acres, the grass on which is valued at Rs. 12,750, was handed over to the Commissariat Department,